

Abstract**Precision contoured EXO/ENDOcervical cell sampler**

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An L-shaped, precision contoured EXO/ENDOcervical cell sampler for collecting representative cells is invented for pre-malignant and malignant diagnosis. The said cell sampler comprises of an elongated and rounded stick-shaped stem with a slightly thickened handle means at one end, and a flattened connecting means having two protrusions at the other end. An L-shaped configuration at the root of said connecting means has one vertical ENDOcervical contact portion and one horizontal EXOCervical contact portion, which directly hug to the transformation zone thereby allowing a through and complete 360 DEG rotatinal sweeping-up of all the truly representatives cells. When said cell sampler is withdrawn from the cervix, the vertical ENDOcervical contact portion is subsequently bent and both the EXO-and ENDOcervical portions are swept across a microscope slide for cytological microscopic examination.